

J5463-IS 【CR type】 corona resistance superfine glass powder mica tape

(Little glue, moderate glue, glue in more)



Standard: GB/T5019-2002 electrical insulation mica products-test method

GB/T5020-2002 electrical insulation mica products -definition and general

requirement

The technology conditions stipulated J5463-IS corona resistance polyimide film Superfine glass powder mica tape (hereinafter referred to as "mica tape") the requirements, test method, Inspection rule, mark, packing, transportation and storage.

The technology conditions is applicable to powder mica paper as base material , double sides respectively With non-alkali glass electrician cloth and CR corona resistance polyimide film for reinforcement Material, by high temperature resistant adhesive and become powder mica tape. This product has even thickness, mica content high, the corona resistance good, and apply to 200 Class asynchronous traction motor, wind generators, oil drilling, frequency conversion motor stator coil key position insulation and other motor, electrical insulation.

The technical requirements

1. Appearance

Mica tape adhesive should be distributed homogeneously without bubble, pore, adhesion, layered and foreign material, mica paper fracture, glass cloth with wrinkles, and phenomenon of loose dish.

2. Size

2.1 Width: The width of mica tape is 20 mm + /-1 mm; 25 mm +/- 1 mm; 30 mm + 1/- mm

2.2 Edge Bending deformation: The edge bending deformation of mica tape is not more than 1 mm

2.3 Length: The length of the mica tape for its volume or the diameter of the plate to said. Volume or the diameter of the plate for 85 + /-5 mm, 95 + /-5 mm, including joints not more than two, the shortest length not less than 5 mm, jointed mica tape or disk volume should be marked.

New Century Polyimide Films Insulating Materials Co., LTD



Add: Suite 1207 ICTC 59 Machang Rd. Hexi District, Tianjin, China 300203

Tel: +86-22-85589020

Fax: +86-22-85589023

E-mail: spring.dong@ncrltd.com

Web: www.polyimide-films.com

2.4 Other size of mica tape to be confirmed by the seller and the buyer.

3. Performance index

Index name	Unit	index	Index
Thickness	mm	0.10±0.02 particular value±0.03	0.14±0.02 Particular value±0.03
Volatile substance content	%	≤2.0	≤2.0
CR Corona resistance polyimide film quantitation	g/m ²	43±5	43±5
Quantitation of mica	g/m ²	65±8	110±10
Quantitation of glass cloth	g/m ²	19±2	19±2
Quantitation of adhesive	g/m ²	23±5	33±8
Tensile strength	N/10mm	≥60	≥60
Electrical strength	v/um	≥40	≥40
Total mass of unit area dry materials	g/m ²	145±15	205±18

4. The test method

Test method according to GB/T5091-2002 electrical insulating mica products -test methods

5. Inspection rule

5.1 The same raw materials and technology, the continuous production not more than 500 Kg of mica tape for a batch. Each batch of mica tape should be With the same performance. Each batch of mica tape shall perform factory test before delivery to client, technology conditions of test items accord with the article 3.1, article 3.2, and article 3.3.

5.2 Sampling method and testing: Sampling of not less than 5% of the total number of bags (or not less than 3 bags for one batch), taking a sample for testing or checking according to the article 3.1 and article 3.2 check, other performance, taking one plate from one batch for inspection according to the article 3.3.

5.3 Other should comply with the GB/T5020 the provisions of chapter 2.

6. Mark, packing, transportation and storage

6.1 Mica tape should be wrapped on the core tube in inner diameter 40 mm +/- 2 mm or to be decided by the seller and the buyer.

6.2 Since the date of original shipment, under normal temperature, the storage period is 6 months.

6.3 Other should comply with the GB/T5020 the provisions of chapter 3.

7. Announcements

When storage and transportation, should prevent storage products in mechanical damage, and not be close to the fire, heat source and the direct sunlight.

The product should be in low temperature (0-5 °C) storage, storage period for six months.

New Century Polyimide Films Insulating Materials Co., LTD



Add: Suite 1207 ICTC 59 Machang Rd. Hexi District, Tianjin, China 300203

Tel: +86-22-85589020

Fax: +86-22-85589023

E-mail: spring.dong@tncrltd.com

Web: www.polyimide-films.com

Expired products can continue to use after passing inspection according to standards.

Declaration: These product information and data are according to our test and actual use accumulating experience and can be used as reference when application. The user should consult product contents to our technical personnel before choice products, we will constantly improve products and technology, and has the right to make changes.